

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RCVD NOV22'06  
OIL CONS. DIV.  
DIST. 3

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
Sec., T—N, R—W, NMPM

Unit A (NENE), 850' FNL & 1150' FEL, Sec. 34, T27N, R5W NMPM

5. Lease Number  
SF-079394  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

San Juan 27-5 Unit

8. Well Name & Number

San Juan 27-5 Unit #172  
9. API Well No.

30-039-20814  
10. Field and Pool

Tapacito PC Ext.  
11. County and State  
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action:

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging  
☐ Casing Repair  
☐ Altering Casing  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-off  
☐ Conversion to Injection

☐ Other :

13. Describe Proposed or Completed Operations

Burlington Resources intends to Plug & Abandon the subject well according to the attached procedure and well bore diagrams.

14. I hereby certify that the foregoing is true and correct.

Signed Philana Thompson Philana Thompson Title Regulatory Tech Date 11/20/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOV 21 2006

NWCCD 11/22

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## PLUG AND ABANDONMENT PROCEDURE

October 30, 2006

### San Juan 27-5 Unit #172

AIN #4429901

Tapacito Pictured Cliffs Ext.

850' FNL and 1150' FEL, Section 34, T27N, R5W  
Rio Arriba County, New Mexico / API 30-039-20814  
Lat: N 36.32179 / Lat: W 107.20438

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.  
All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare waste fluid holding pit if necessary. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. Round-trip 2.875" scraper or wireline gauge ring to 3278'. Tally and prepare a 1.25" IJ tubing workstring.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3278' – 2630')**: RIH and set 2.875" wireline CIBP at 3278'. TIH with 1.25" workstring and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Spot 18 sxs Type III cement (in two stages) inside casing above CIBP to isolate the Pictured Cliffs perforations and cover through the Ojo Alamo top. TOH with tubing.
5. **Plug #2 (Nacimiento top, <sup>1442'</sup> 2945' – <sup>1342'</sup> 1945')**: Perforate 2 bi-wire holes at <sup>1442'</sup> 2945'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 2.875" cement retainer at <sup>1442'</sup> 4995'. TIH and sting into CR. Establish rate into squeeze holes. Mix and pump 35 sxs cement, squeeze 31 sxs outside the casing and leave 4 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #3 (8.625" Surface casing, 171' - Surface)**: Perforate 2 squeeze holes at 171'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 55 sxs Type III cement down the 2.875" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
7. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended: \_\_\_\_\_

Approved: \_\_\_\_\_

Operations Engineer: Krista McWilliams  
Office: 324-5147  
Cell: 320-0029

Drilling Superintendent: Lyle Ehrlich  
Office: 599-4002  
Cell: 320-2613

Operator: Wayne Peace Cell: 320-2532  
Foreman: Richard Lopez Office: 324-5135

Pager: 326-8204  
Cell: 320-9539

# San Juan 27-5 Unit #172

Current

AIN #4429901

Tapacito Pictured Cliffs Ext.

850' FNL & 1150' FEL, Section 34, T-27-N, R-5-W

Rio Arriba County, NM / API #30-039-20814

Lat: N 36.32179 / Long: W 107.20438

Today's Date: 10/30/06

Spud: 3/29/74

Completed: 5/22/74

Elevation: 6584' GL  
6595' KB

12.25" hole

8.625", 24#, K-55 Casing set @ 121'  
Cement with 106 cf (Circulated to Surface)

## WELL HISTORY

No workover of record

Nacimiento @ 1995'

TOC @ 2100' (T.S.)

Ojo Alamo @ 2680'

Kirtland @ 2925'

Fruitland @ 3050'

Pictured Cliffs @ 3322'

Pictured Cliffs Perforations:  
3328' - 3410'

6.75" Hole

2.875" 6.4# J-55 Casing set @ 3472'  
Cement with 221 cf

TD 3472'  
PBSD 3461'

# San Juan 27-5 Unit #172

## Proposed P&A

AIN #4429901

Tapacito Pictured Cliffs Ext.

850' FNL & 1150' FEL, Section 34, T-27-N, R-5-W

Rio Arriba County, NM / API #30-039-20814

Lat: N 36.32179 / Long: W 107.20438

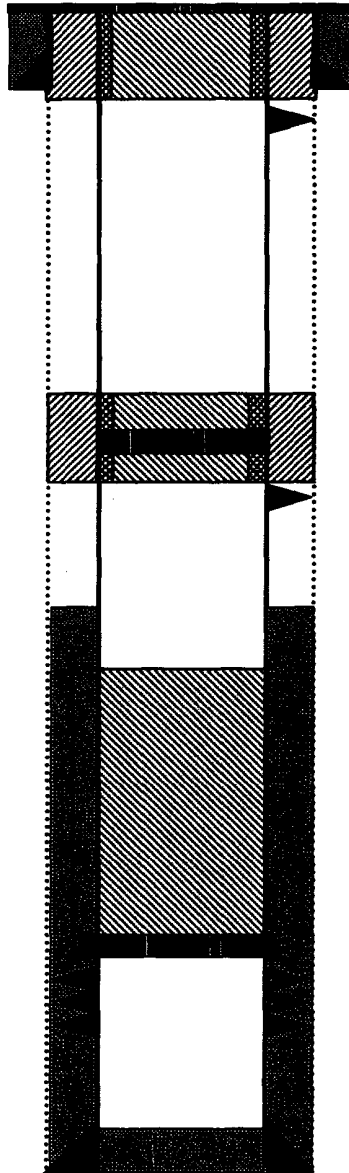
Today's Date: 10/30/06

Spud: 3/29/74

Completed: 5/22/74

Elevation: 6584' GL  
6595' KB

12.25" hole



8.625", 24#, K-55 Casing set @ 121'  
Cement with 106 (Circulated to Surface)

Perforate @ 171'

Plug #3: 171' - 0'  
Type III cement, 55 sxs

Nacimiento @ 1995'

Cmt Retainer @ 1995'

Plug #2: 2045' - 1945'  
Type III cement, 35 sxs:  
31 outside and 4 inside

Perforate @ 2045'

TOC @ 2100' (T.S.)

Ojo Alamo @ 2680'

Plug #1: 3278' - 2630'  
Type III cement, 18 sxs in 2 stages

Kirtland @ 2925'

Set CIBP @ 3278'

Fruitland @ 3050'

Pictured Cliffs Perforations:  
3328' - 3410'

Pictured Cliffs @ 3322'

2.875" 6.4# J-55 Casing set @ 3461'  
Cement with 221 cf

6.75" Hole

TD 3472'  
PBD 3461'